

ABSTRACT

A safe is a fireproof iron cabinet or box whose locking system uses a combination lock or digital lock. Safes are usually used to protect valuables (such as money, securities, jewelry, etc.) from fire and theft/demolition.

In this final project, a prototype design using NodeMCU which is connected to ESP8266, Solenoid is carried out to make a smart locker which is expected to help users to be more effective and safe from theft..

The results of the research and testing of the system made are a prototype smart locker that has a controller input via a smartphone that can be connected to Android. The time it takes to send data from the NodeMCU to the Antares server is about 3 seconds. With the ESP8266 the device can be connected to the android application, users can control it, so they can add to the security system in the safe.

Keywords: *Brankas, ESP8266, Solenoid.*